



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3691

SERIAL NUMBER 10/786,182	FILING DATE 02/25/2004 RULE	CLASS 438	GROUP ART UNIT 2891	ATTORNEY DOCKET NO. 2-1
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------

APPLICANTS

Curtis James Miller, West Lawn, PA;
 Nelson Troncoso, Macungie, PA;

** CONTINUING DATA ***** *None AICS*

** FOREIGN APPLICATIONS ***** *None AICS*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 05/18/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY PA	SHEETS DRAWING 7	TOTAL CLAIMS 23	INDEPENDENT CLAIMS 4
---	------------------------	------------------------	-----------------------	----------------------------

35 USC 119 (a-d) conditions met ☐ yes ☒ no ☐ Met after Allowance

Verified and Acknowledged *Asok Kumar Saha* Examiner's Signature Initials

ADDRESS

Ryan, Mason & Lewis, LLP
 90 Forest Avenue
 Locust Valley, NY
 11560

TITLE

Methods and apparatus for integrated circuit ball bonding with substantially perpendicular wire bond profiles

FILING FEE RECEIVED 910	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---